

Amendments to the Claims:

Please amend Claim 5, as shown below. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A planter unit comprising:
 - a seed dispensing tube for dispensing seeds, including an upper opening for receiving a seed and a lower opening for dispensing the seed;
 - a brush covering the lower opening; and
 - a granule tube connected to said seed dispensing tube at a location above the lower opening, for dispensing chemical granules into the seed dispensing tube,
 - wherein said brush holds chemical granules within said seed dispensing tube such that chemical granules accumulate within said seed dispensing tube, and
 - wherein said brush allows a seed and accumulated chemical granules to pass through the lower opening when a seed is dispensed via said seed dispensing tube.

2. (Original) A planter unit according to Claim 1, wherein said seed dispensing tube further includes an overflow hole at a location above the lower opening to permit a predetermined amount of chemical granules to accumulate behind the brush, and to prevent chemical granules from building up within the seed dispensing tube.

3. (Original) A planter unit according to Claim 1, wherein said brush further comprises bristles, wherein each of said bristles has a diameter of .008 inches.
4. (Original) A planter unit according to Claim 1, wherein said brush is 1.5 inches long and .5 inches wide, and wherein said brush is mounted inside said seed dispensing tube.
- 5 (Currently Amended) A seed and chemical granule dispensing system comprising:
 - a seed hopper for storing seeds;
 - a granule storage hopper for storing chemical granules; and
 - a planter unit comprising a seed dispensing tube for dispensing seeds stored in said seed hopper, including an upper opening for receiving a seed and lower opening for dispensing the seed, a brush covering the lower opening, and a granule tube for dispensing chemical granules stored in said granule storage hopper into [[the]] said seed dispensing tube, connected to said seed dispensing tube at a location above the lower opening,
 - wherein said brush holds chemical granules within said seed dispensing tube such that chemical granules accumulate within said seed dispensing tube, and
 - wherein said brush allows a seed and accumulated chemical granules to pass through the lower opening when a seed is dispensed via said seed dispensing tube.
6. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed dispensing tube further comprises an overflow hole at a location above the lower opening to permit a predetermined amount of chemical granules to accumulate behind the brush, and to prevent chemical granules from building up within the seed dispensing tube.

7. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said brush further comprises bristles, wherein each of said bristles has a diameter of .008 inches.
8. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper is an open container.
9. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper is a closed container.
10. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is an open container.
11. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is a closed container.
12. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper and said granule storage hopper comprise a combined two-chambered storage container.
13. (Original) A seed and chemical granule dispensing system according to Claim 12, wherein said combined two-chambered storage container is an open container.

14. (Original) A seed and chemical granule dispensing system according to Claim 12, wherein said combined two-chambered storage container is a closed container.
15. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said seed hopper further comprises a metering gate, wherein said metering gate allows one seed to enter said seed dispensing tube at a time.
16. (Original) A seed and chemical granule dispensing system according to Claim 15, wherein said metering gate is mechanically operated.
17. (Original) A seed and chemical granule dispensing system according to Claim 15, wherein said metering gate is electronically operated.
18. (Original) A seed and chemical granule dispensing system according to Claim 5, wherein said granule storage hopper is placed higher than said seed hopper.
19. (Original) A method of dispensing seeds and chemical granules, comprising the steps of:
dispensing chemical granules through a granule tube into a seed dispensing tube, wherein the granule tube is connected to the seed dispensing tube at a location above a lower opening of the seed dispensing tube, and wherein the lower opening of the seed dispensing tube is covered with a brush; and
dispensing a seed through the seed dispensing tube;

wherein the brush holds chemical granules within the seed dispensing tube such that chemical granules accumulate within the seed dispensing tube, and

wherein the brush allows a seed and accumulated chemical granules to pass through the lower opening when the seed is dispensed via the seed dispensing tube.

20. (Original) A method of dispensing seeds and chemical granules according to Claim 19, wherein one seed is dispensed through the seed dispensing tube at a time.

21. (Original) A method of dispensing seeds and chemical granules according to Claim 20, wherein the chemical granules are dispensed via the granule tube from a granule storage hopper.

22. (Original) A method of dispensing seeds and chemical granules according to Claim 20, wherein the seeds are dispensed via the seed dispensing tube from a seed hopper.